

TLS Modular Elevator Solutions Parking Structures

Parking Structures are a perfect application for Modular Elevator(s) for projects with up to 75 feet of elevator travel. Modular Elevators are available for both interior and exterior applications.



At TL Shield (TLS) we exclusively provide the Modular Elevator Manufacturing - Modular Elevator System. They are designed specifically to be an easy, fast, quality solution that many Developers, Architects and Contractors in the Parking Structure sector are now looking for to meet the growing need for quick construction.



The MEM Elevator System solution vastly improves the efficiency of the construction process and offers time savings that results in costs savings to the project. This allows the Modular Elevator to be manufactured in the plant simultaneously as the construction of the Parking Structure.

Unlike conventional elevators, Modular Elevators don't need to be an inherent part of the Parking Structure they are servicing. Instead, they are easily attached to the existing structure, often on the exterior of the building without having to share the same foundation.

The MEM Elevator System can be customized to fit the look of the existing structure. Since security is an important concern for Parking Facilities, they can be designed as glass-backed elevators to provide passive security and other vandal resistant materials can be specified.



As with any elevator, it is recommended that a Modular Elevator be incorporated early in the project design process to accommodate the modular unit's footprint, any building connections and required machine room space. This leads to a smooth Building Permit process (avoiding deferred submittals), eliminates any reconfiguration of the building and provides for efficient construction.

TLS's experience in the Parking Structure sector allows us to work closely with the Developer, Design Team and Contractor's Team to assure a successful Modular Elevator project.

Elevators Made Simple

Simply Put - A TLS Modular Elevator is an innovative solution that consists of a full conventional commercial elevator pre-installed in a Pre-Engineered Hoistway, fabricated off-site by our sister company Modular Elevator Manufacturing (MEM), and delivered to the job-site as a complete Hydraulic Modular Elevator solution for projects with up to 75 feet of elevator travel for both interior and exterior elevator applications.

Design and Construction Made Simple

TLS Modular Elevators greatly simplifies the complete elevator design and construction process. (Note: TLS Modular Elevators are built in California assuring all California Code requirements are met.)

- ✓ Stamped Drawings and Calculations for JHA Approval
- ✓ No Hoistway to Design or Construct
- ✓ No Hoist Beam to Design or Construct
- ✓ Pit Ladder is included with a Modular Elevator
- ✓ Pit Light is included with a Modular Elevator
- ✓ Pit GFCI is included with a Modular Elevator
- ✓ Pit Switch is included with a Modular Elevator
- ✓ Hall Stations are Mounted on Elevator Door Frame
- ✓ Fire Rated Hoistway Walls Included
- ✓ Services only need to be brought to Machine Room on the ground floor where the Modular Elevator takes it from there into the elevator pit.

Fast Track Delivery and Installation

TLS Modular Elevators eliminate the delays associated conventional elevator construction that has to wait for the building to be complete before the elevator can begin to be installed.

- ✓ A Modular Elevator Delivers approx. 20 Weeks after Approvals
- ✓ A Modular Elevator Installs in 1 Day
- ✓ Elevator Start-up in a Week after Services are Installed
- ✓ Shortens the Project Critical Path

Non-Proprietary Components Equals Life-Cycle Savings

TLS Modular Elevators only utilize non-proprietary components from the major elevator component manufacturers. This offers greater flexibility to maintain the Modular Elevator system over its life without expensive long-term service contracts.

- ✓ Non-Proprietary Components
- ✓ Major Components from California Manufacturers
- ✓ No Long-Term Service Contract Required



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The Five Steps of Our Modular Elevator Process



The Hoistway is fabricated with precision, utilizing lasers and jigs, off-site in a controlled environment



A completely fabricated pre-wired and pre-ripped Commercial Elevator is inserted into the Hoistway



The completely assembled Modular Elevator is shipped to the job-site via a flatbed truck



The Modular Elevator is lifted off the flatbed truck with a crane, placed into the pit and attached to the anchor bolts



In less than 1-day the Modular Elevator installation is 95% complete and is just waiting for permanent power



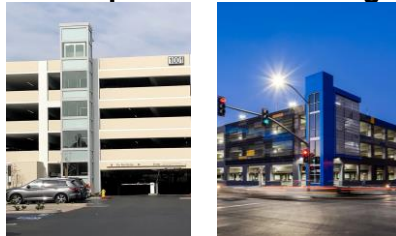
www.modularelevator.net

A Sample of Our Modular Elevator Solutions

Schools and Universities



Transportation & Parking



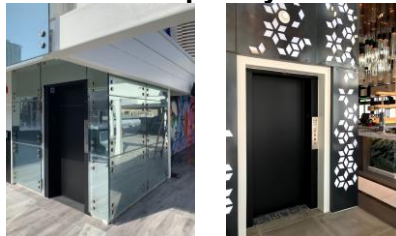
Medical Facilities



Housing



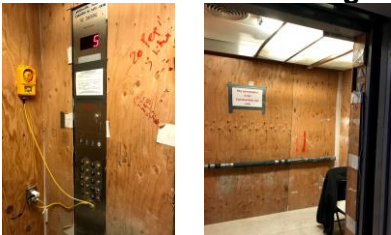
Hospitality



Public Facilities



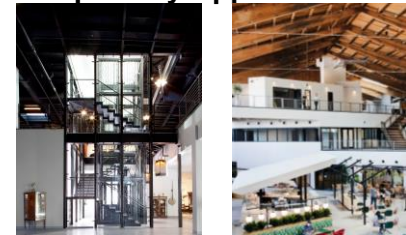
Construction Hoist Usage



Building Retrofits



Specialty Applications



Our Modular Elevators enable virtually any kind of facility to achieve and/or improve accessibility and meet ADA plus Gurney compliance for both interior and exterior applications while saving time and money.

